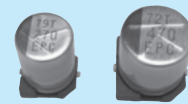


HVPC Series

125°C

High Capacitance



- 125°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

Specifications

Items	Condition	Specifications		
Rated voltage (V)	—	25	35	
Surge voltage (V)	Room temperature	32	44	
Category temperature range (°C)	—	-55 to +125		
Capacitance tolerance (%)	120Hz/20°C	M : ±20		
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	0.01CV		
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value	
		tanδ	Less than 200% of the specified value	
		ESR	Less than 200% of the specified value	
		LC	Less than the specified value	

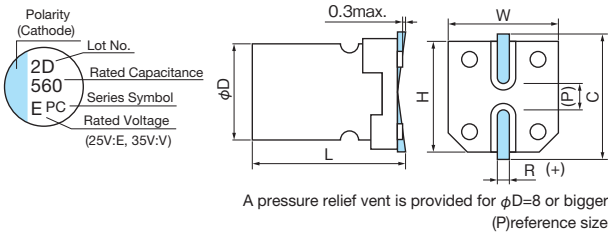
Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

- FVL
- HVHZ-HVH
- HVPZ-HVP
- HVT
- HVHF
- HVPF
- HVPX
- HVTX
- HVHY
- HVPY
- HVTY

- HVHC
- HVPC
- FVC
- FVF
- FVS
- HEHF
- HEPF
- HEPC

Marking, Dimensions



(Unit : mm)						
D ^{±0.5}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, ESR, Rated Ripple Current

μF	25			35		
	V	Case size: φDxL (mm)	Rated ripple current mArms (100kHz, 125°C)	V	Case size: φDxL (mm)	Rated ripple current mArms (100kHz, 125°C)
33						
56	5×6.0	80	850	6.3×6.0	60	1200
100	6.3×6.0	50	1300	6.3×7.7	35	1700
150	6.3×7.7	30	1800			
180				8×10.5	27	2000
270	8×10.5	27	2000			
330				10×10.5	20	2800
390				10×12.5	17	3000
470	10×10.5	20	2800			
560	10×12.5	16	3000			

Please refer to page 18 for ripple current frequency coefficients.

Case size: φDxL (mm)

Rated ripple current
mArms (100kHz, 125°C)
ESR (mΩ) max. at 100kHz, 20°C

Part number

